



# Site Specific Final Reclamation Completion Notice – Cropland Drone Imagery

## Permit Closure Report – Cropland

**Location ID:** 310577

**Location Name:** Maxey/SE-24

## Report Date:

11/13/2024

H2E has conducted a thorough review of the data provided in this report. This report was developed in accordance with ECMC Operator Guidance – Operator supplied cropland drone imagery and information for submitting a final reclamation completion notice.

## Crop Year and Type

Crop 2024 – Alfalfa

Crop 2023 – Alfalfa

## Inspection:

Performed by	Chevron
Date	7/11/2024

All pertinent data, imagery, and materials are included at the end of this report.

## Location Checklist



<b>Operator / #</b>	PDC Energy / 69175		
<b>Name / Location ID</b>	Maxey/SE-24 - 310577		
<b>County</b>	Weld		
<b>Well Information</b>	<b>Well Name:</b> 1) MAXEY #24D (PA), 2) Maxey #24XD (AL), 3) Maxey #24PD (AL), 4) Maxey #24SD (AL)		
	<b>Well API #:</b> 1) 05-123-26617, 2) 05-123-32460, 3) 05-123-32461, 4) 05-123-32463		
	<b>Lat/Long As Drilled:</b> 1) 40.381080 / -104.606920		
	<b>Plug date &amp; Form 6S Doc. #:</b> 1) 1/31/2019 - 401955829		
<b>Facility Entities</b>		Tank Battery	Pits
	X	Wells	On-Location Flowlines (Form 42): Doc. #
		Domestic Taps	X Off-Location Flowlines (Form 44): Doc. # 403906190
<b>Equipment on Site</b>	X	None	Debris
		Pit mouse/rat holes, cellars backfilled	
<b>Access Road</b>	X	Regraded	X Contoured
		Culverts removed	Gravel removed
		Pre-existing: must provide supporting documentation	
<b>Reclamation Status</b>	X	Location and associated disturbances reclaimed	
		Subsidence	
<b>Spills or Releases (Form 19)</b>		No	X Yes
<b>Remediation (Form 27/27A)</b>		No	X Yes
<b>On-Location Flowlines</b>	X	No	Yes
<b>Off-Location Flowlines</b>		No	X Yes
<b>Inspection Corrective Actions</b>	X	No	Yes
<b>Sundry Notice (Form 4)</b>	No Sundry Notice was identified pertaining to series 900-1200 rules.		
<b>Drone Information</b>	<b>Make &amp; Model:</b> DJI Mavic 3		
	<b>Image Processing Software:</b> Drone Image Uploader/Drone Deploy		
	<b>Pilot Name &amp; FAA Certificate #:</b> Jordan Hopp / 4301792		
	<b>Date of FAA Certificate Issuance:</b> 8/21/2019		



## Designated Land Use Observations

Previous Land Use	Current Land Use
Reference Imagery for Infrastructure: NAIP 2015	Remotely Sensed Imagery: 7/11/2024
Designation: Oil and Gas Facility	Designation: Cropland

### The following imagery sources were reviewed during this investigation:

NAIP Imagery from 2015, 2023, and historic Google Earth imagery from 1985-2023.

## Site Observation Notes

No Additional Information

## Closure Information

This final reclamation completion notice is intended to close the Maxey/SE-24 location which consists of the MAXEY #24D (API # 05-123-26617) wellhead. Three additional wells were permitted for this location, Maxey #24XD (API # 05-123-32460), Maxey #24PD (API # 05-123-32461), and Maxey #24SD (API # 05-123-32463), but were never drilled. The MAXEY #24D wellhead does not share a disturbance with any other wells or tank batteries. The associated tank battery has its own location ID (322874) which will remain open until final reclamation has been achieved.

The Maxey/SE-24 location is in Weld County, Colorado west of County Road 49 and north of County Road 54. There is one off location flowline associated with this well that transported produced fluids to the associated tank battery, and was abandoned in January of 2019.

MAXEY #24D was reclaimed and returned to the landowner for agricultural use in 2019. The wellhead was accessed from an unpaved access road that originated at an existing agricultural service road off of County Road 54. The access road was reclaimed and returned to agriculture in conjunction with the reclamation of the well location.

During the records review process a spill/release was identified; however, the aforementioned spill has been tied to the associated tank battery and not the well location attached to this submission.

A remediation project (4591) was identified during the records review. The cause of this remediation was due to a historical spill or release identified at the tank battery during routine tank battery activities. This remediation workplan was originally documented on 12/10/2009 (Doc #1631473). Following the planned remediation activities remediation project number 4591 was closed on 3/17/2010 by Nancy Prince.

The spill/release mentioned above took place on 11/25/2008 (Doc #1942517) where equipment failure was attributed to the cause of the spill. This spill was resolved on 12/29/2009 by John Axelson.

No corrective actions (CA's) were identified during the records review.

Drone imagery confirms that no equipment was left on site at this location after reclamation activities occurred.



## Summary Acreage Table

Description	Acres
Historic Disturbance Extent	0.62
Access Road	0.50
Flowline	Not Included
Tank Battery	Not Included
Well Pad	0.12

## Location Summary



<b>Name</b>	Maxey/SE-24		
<b>Type</b>	Wellhead		
<b>Location ID</b>	310577		
<b>Operator / #</b>	PDC Energy / 69175		
<b>Field</b>	Wattenberg		
<b>County, State</b>	Weld, Colorado		
<b>Lat/Long</b>	40.381080 / -104.606920		
	Planned Location	X	As Drilled
<b>Location</b>	NWSE 24 5N65W		
<b>Location Status - Date</b>	CL - 5/16/2019		
<b>Facility Entities</b>		Tank Battery	Pits
	X	Wells	X Off-Location Flowlines (Form 44)
		Domestic Taps	On-Location Flowlines (Form 42)
		Electric Utilities	
<b>Equipment on Site</b>	X	No	Yes
	If yes, list:		
	Pit mouse/rat holes, cellars backfilled		
<b>Access Road</b>	X	Regraded	X Contoured
		Culverts Removed	Gravel Removed
	Pre-Existing (Must provide supporting documentation):		
<b>Variance Requests</b>	N/A		
<b>Sundry Notice (Form 4)</b>	N/A		
<b>Off-Location Flowlines (Form 44)</b>	<b>Form 44 Doc # &amp; Date:</b> 403906190 - 08/29/2024 <b>Purpose:</b> FLOWLINE SYSTEM ABANDONMENT VERIFICATION <b>Abandonment Date:</b> 1/15/2019 <b>ECMC Approval Date &amp; Signee:</b> N/A <b>Operator Comments:</b> <div style="text-align: center;"><b>Flowline Facility Information</b></div> <b>ECMC Flowline ID:</b> 479253 <b>Operator Flowline ID:</b> PDC Flowline System <b>Status &amp; Date:</b> CL - 5/16/2019 <b>Flowline Type:</b> Wellhead line <b>Type of Fluids Transported:</b> Produced fluids <b>Start Point Location ID:</b> 310577 <b>Start Point Riser Lat/Long:</b> 40.381062 / -104.606938 <b>Equipment at Start Point:</b> Wellhead <b>End Point Location ID:</b> 322874 <b>End Point Riser Lat/Long:</b> 40.37891 / -104.60557 <b>Equipment at End Point:</b> Separator		

<b>Field Inspection Form (Form INSP)</b>	No inspections related to corrective actions, final or interim reclamation were identified during records review.		
<b>Inspection Corrective Actions (CAs)</b>	No Corrective Actions detected		
<b>Environmental Incidents &amp; Remediation</b>	X	None	Spill or Release (Form 19)
		Remediation (Form 27/27A)	
<b>Spill or Release (Form 19)</b>	<b>Spill/Release Facility ID:</b> 293800		
	<b>Status &amp; Date:</b> CL - 12/29/2009		
	<b>Form 19 Initial/Supplemental Doc # &amp; Date:</b> 1942517 - 11/25/2008		
	<b>Date Closed:</b> 12/29/2009		
	<b>Date of Discovery:</b> 11/25/2008		
	<b>Spill Type:</b> Equipment Failure		
	<b>Reference Location Facility ID &amp; Type:</b> 293800 - Wellhead		
	<b>Operator:</b> PDC Energy Inc		
	<b>Operator Comments:</b> DURING TANK BATTERY UPGRADE ACTIVITIES, A LEAK IN THE DUMP LINES FROM THE SEPARATOR WAS OBSERVED TO HAVE RELEASED AN UNKNOWN QUANTITY OF CONDENSATE INTO THE SUBSURFACE.		
	<b>Request for Closure:</b> 12/29/2009 - John Axelson		
<b>Site Investigation and Remediation Workplan (Form 27/27A)</b>	<b>Remediation Project #:</b> 4591		
	<b>Form 27 Initial Doc # &amp; Date:</b> 1631473 - 12/10/2009		
	<b>Purpose:</b> Spill or Release		
	<b>Notes:</b> N/A		
	<b>Form 27 Supplemental Docs # &amp; Date:</b> 2605347 - 2/23/2010		
	<b>Purpose:</b> Site/Facility Closure		
	<b>Operator Comments:</b> PDC has submitted a closure request for Remediation project 4591.		
	<b>ECMC Comments:</b> N/A		
	<b>ECMC COAs:</b> N/A		
<b>COGIS Tank Location Information (Scout Card)</b>	<b>Closure Request Approved:</b> 3/17/2010		
	<b>Final Resolution:</b> 3/17/2010 - Nancy Prince		
	<b>Tank Battery Name:</b> MAXEY-65N65W/24SWSE		
	<b>Location ID:</b> 322874		
	<b>Status &amp; Date:</b> CL - 2/6/2019		
	<b>Lat/Long:</b> 40.379075 / -104.609016		
	<b>Notes:</b> N/A		
	<b>Form 4 Doc # &amp; Date:</b> N/A		
	<b>Purpose:</b> N/A		
<b>COGIS Well Information (Scout Card)</b>	<b>Well Name:</b> MAXEY #24D		
	<b>Facility ID:</b> 293800		
	<b>Status &amp; Date:</b> PA - 5/16/2019		
	<b>Lat/Long:</b> 40.381080 / -104.606920		
	<b>Notes:</b> N/A		
	<b>Form 4 Doc # &amp; Date:</b> N/A		
	<b>Purpose:</b> N/A		

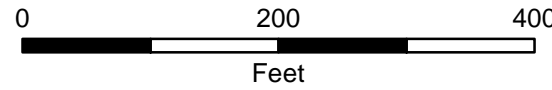
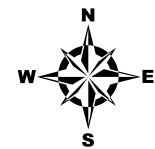
**Pre-Plugging Active Operations Location Overview**





# PDC Form 4 Final Reclamation - Pre Plugging Overview

Maxey 24 D



Prepared by:



Editor: EJanak

File: PDC\_Drone\_Rec\_PrePlugging\_DDP

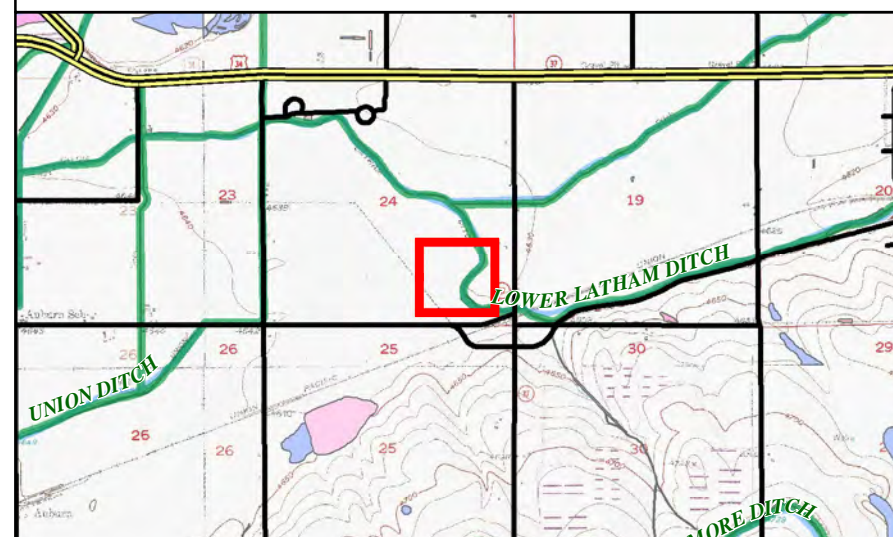
Scale:1:1,800

Date: 11/15/2024

⊕ Well Head

- Former Tank Battery Disturbance
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned

## NAIP 2015 Imagery

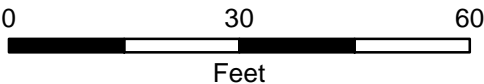






PDC Form 4 Final Reclamation - Pre Plugging Overview

Maxey 24 D

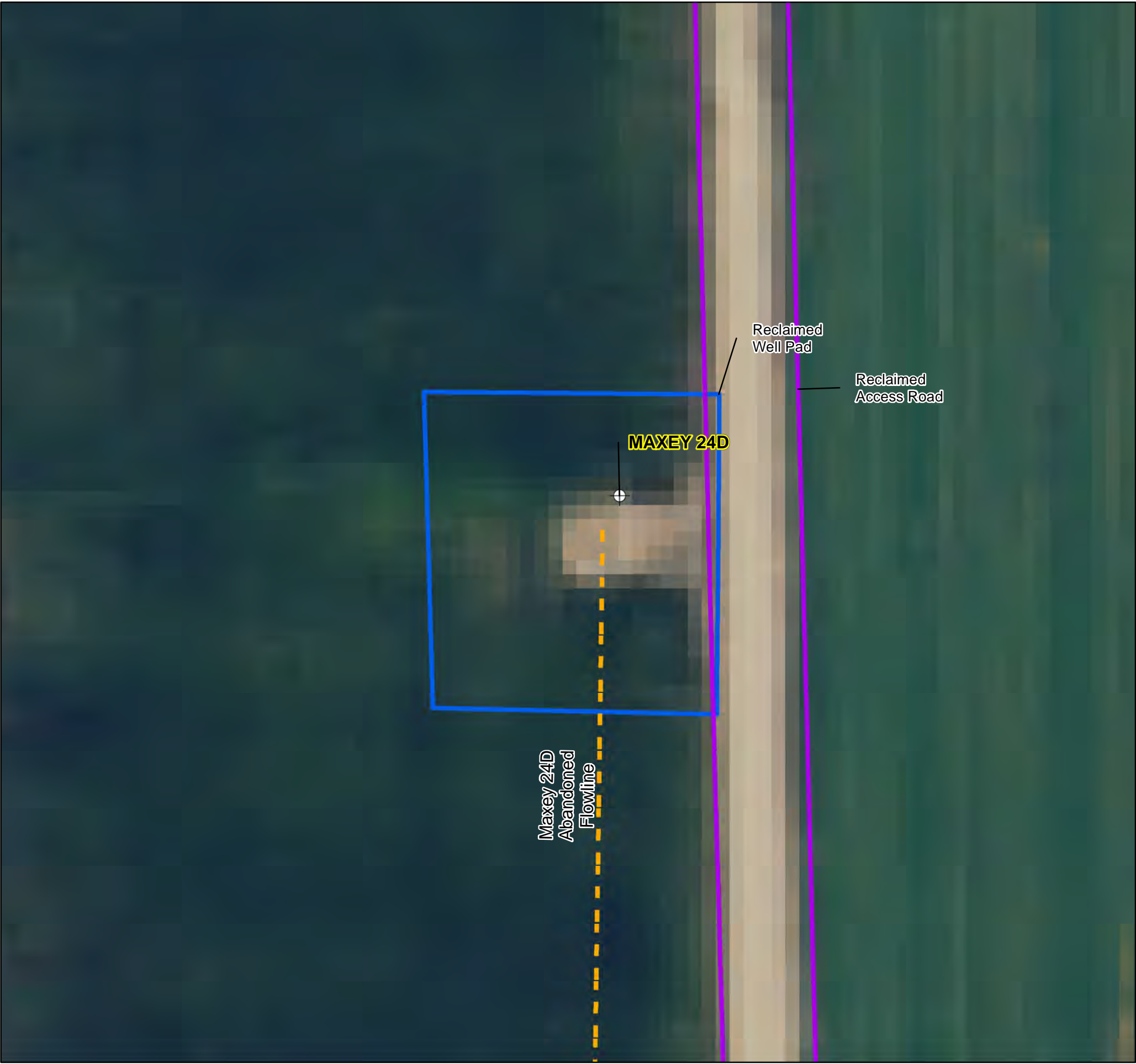
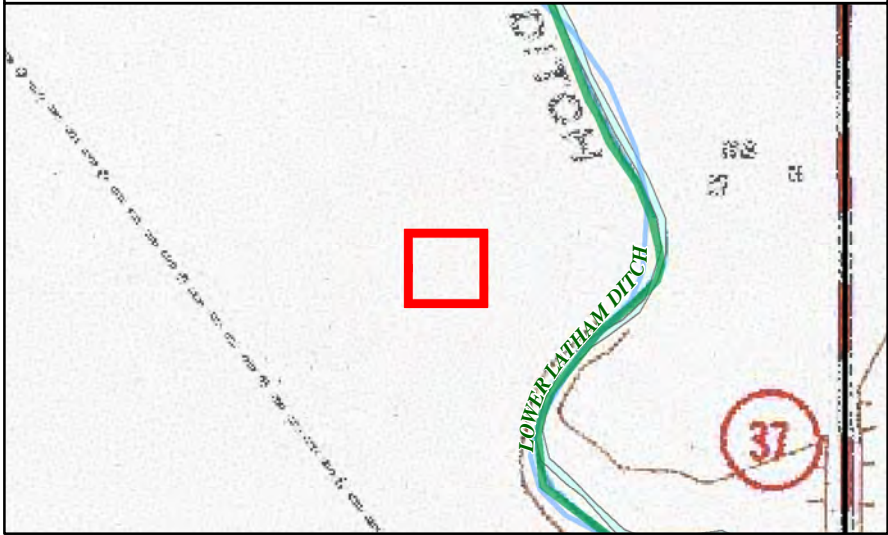


Editor: EJanak  
File: PDC\_Drone\_Rec\_PrePlugging\_DDP

Scale:1:300  
Date: 11/15/2024

- Well Head
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned

NAIP 2015 Imagery



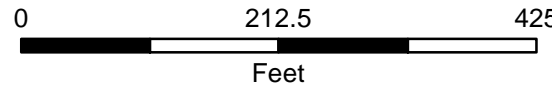
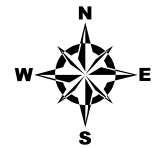
**Post-Plugging and Abandonment Location Overview**





## PDC Form 4 Final Reclamation - Post Plugging Overview

Maxey 24 D



Prepared by:



Editor: EJanak

File: PDC\_Drone\_Rec\_PostPlugging\_DDP

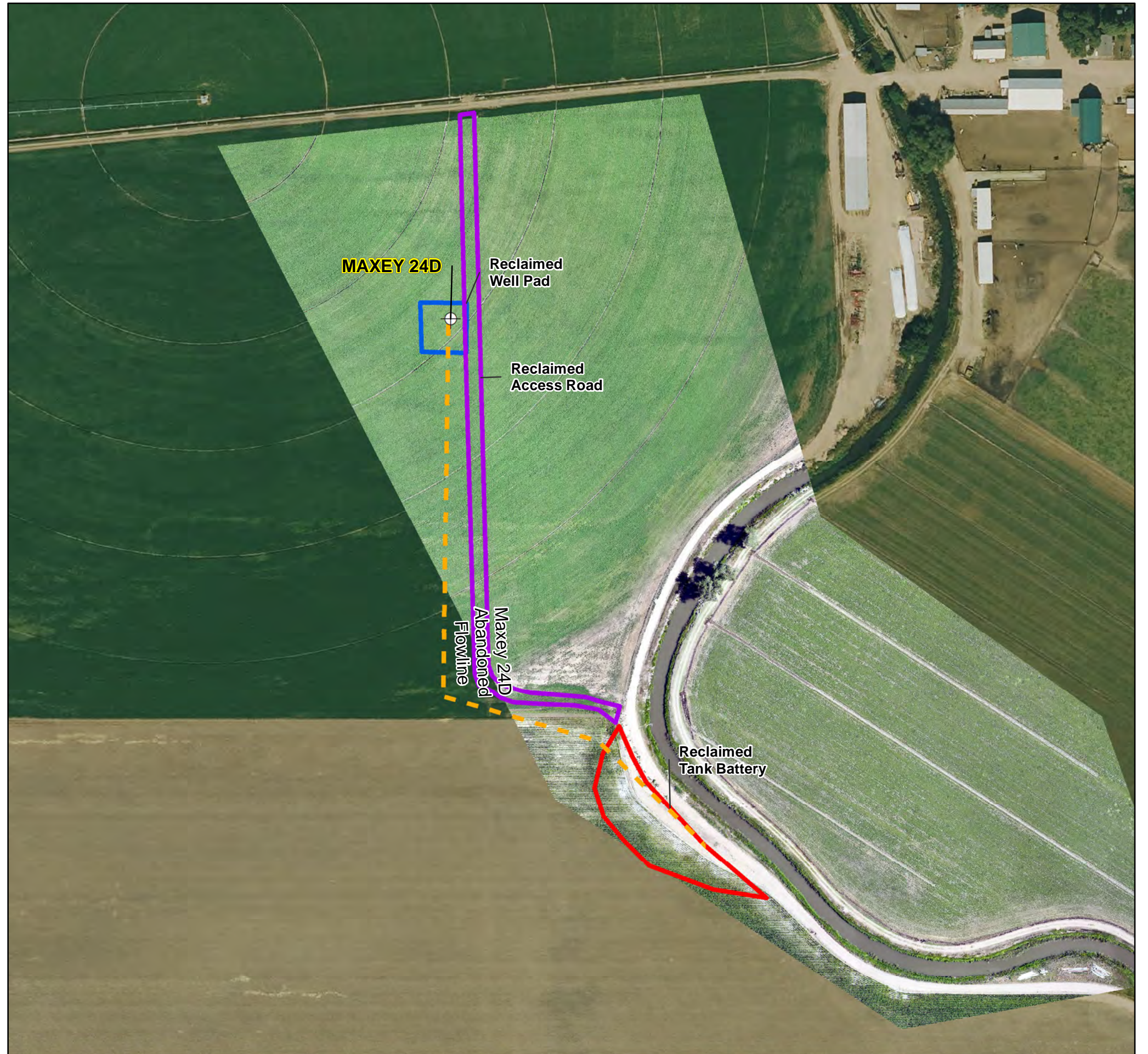
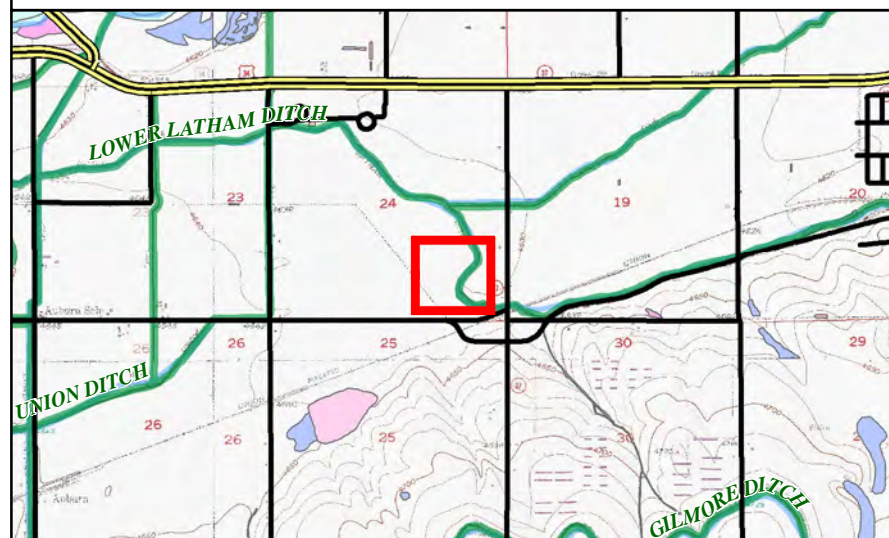
Scale: 1:1,900

Date: 11/15/2024

⊕ Well Head

- ▬ Reclaimed Tank Battery Disturbance
- ▬ Reclaimed Well Pad Disturbance
- ▬ Reclaimed Access Road Disturbance
- - Flowline - Abandoned

### 2024 Drone Imagery

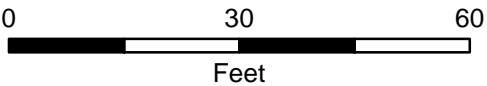






PDC Form 4 Final Reclamation - Post Plugging Overview

Maxey 24 D

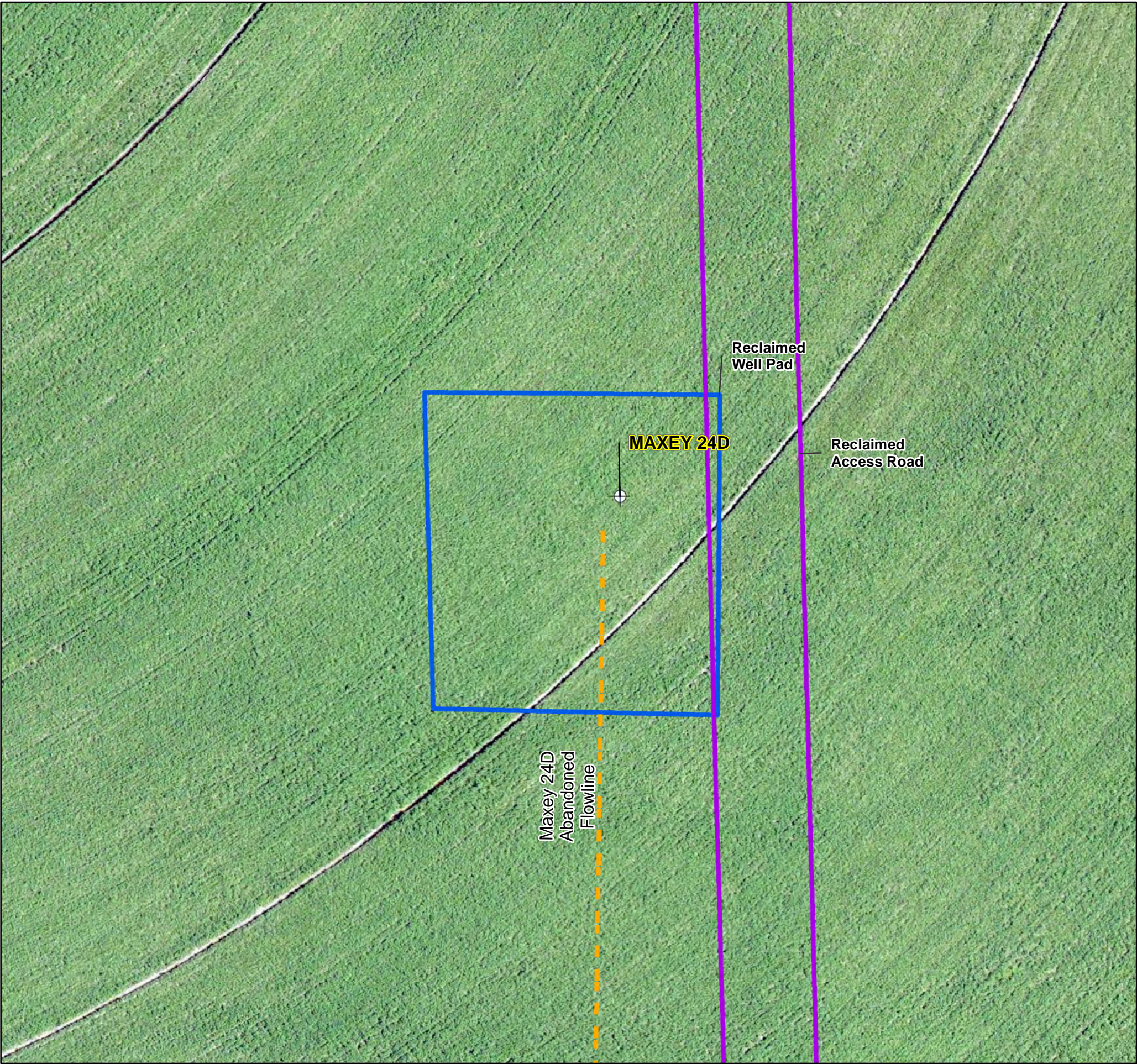
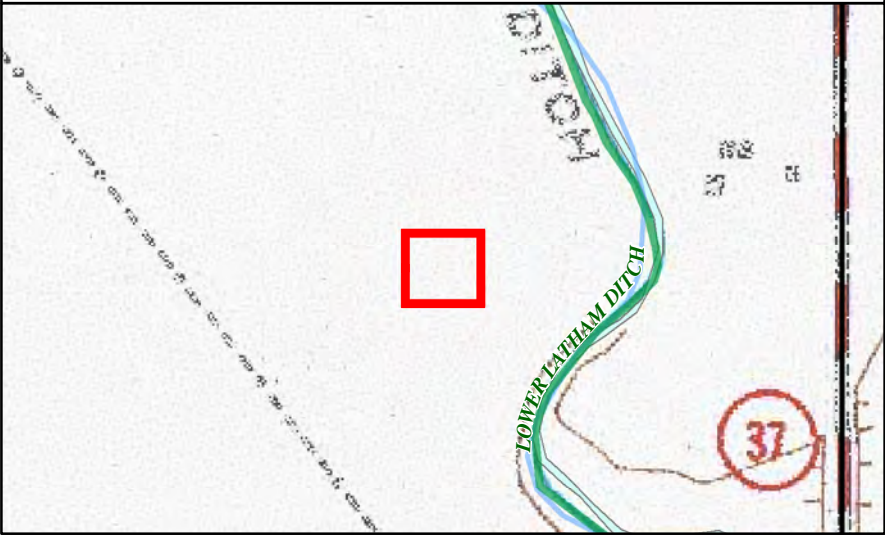


Editor: EJanak  
File: PDC\_Drone\_Rec\_PostPlugging\_DDP

Prepared by:  
Scale:1:300  
Date: 11/15/2024

- Well Head
- Reclaimed Well Pad Disturbance
- Reclaimed Access Road Disturbance
- Flowline - Abandoned

2024 Drone Imagery





# **Cardinal Direction Drone Photos of the Reclaimed Areas and Reference Areas**

Photo Dates:

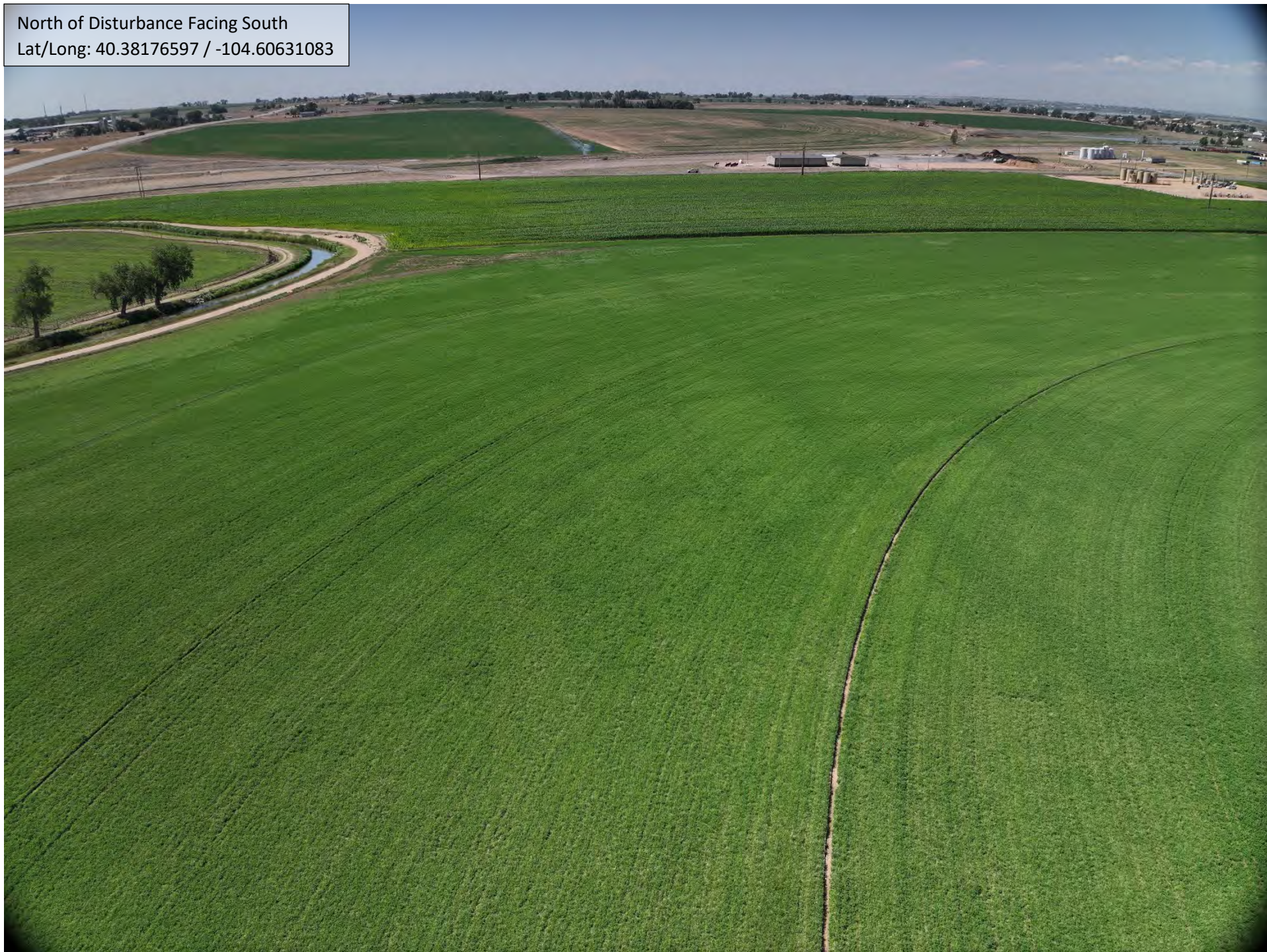
7/11/2024

Drone Photo Height:

85'



North of Disturbance Facing South  
Lat/Long: 40.38176597 / -104.60631083



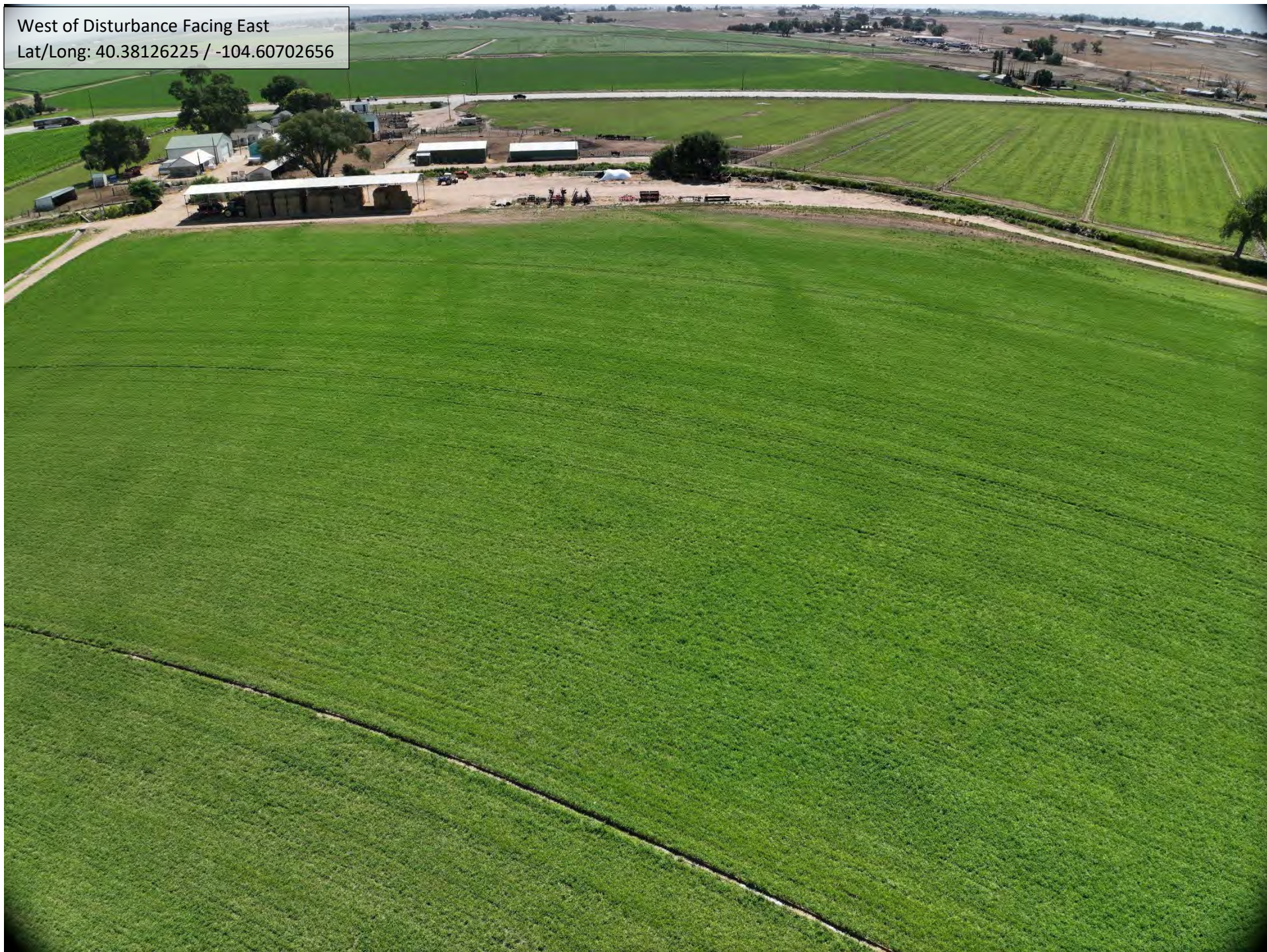


South of Disturbance Facing North  
Lat/Long: 40.38082164 / -104.60656242





West of Disturbance Facing East  
Lat/Long: 40.38126225 / -104.60702656



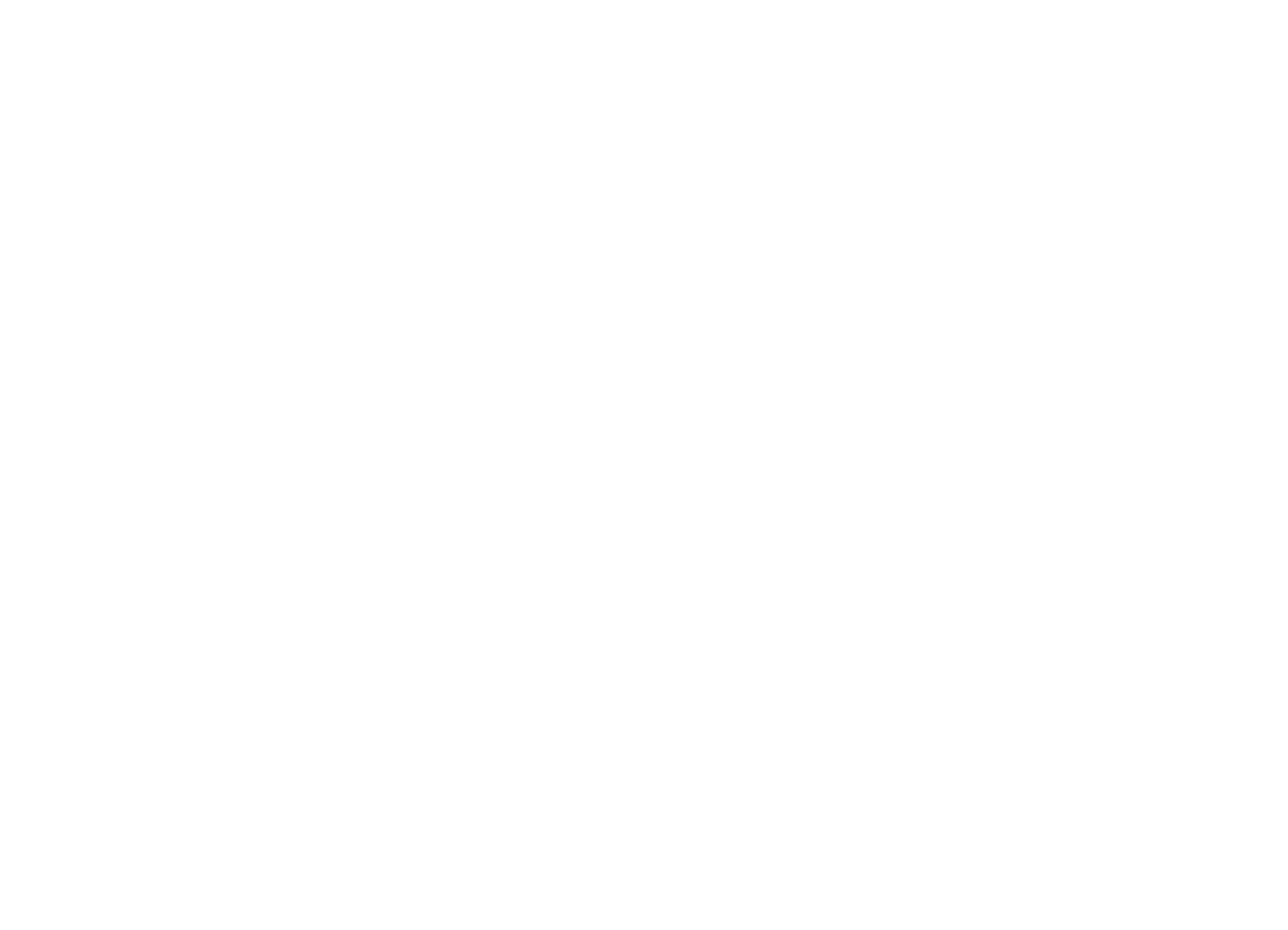


East of Disturbance Facing West  
Lat/Long: 40.380972 / -104.605465





**Reference Photo for Crop Growth Stage**





Cropland Reference Photo (Alfalfa)  
Lat/Long: 40.38125092 / -104.60689025

